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TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 May 12 EXTEND option available in structure searching
NEWS 4 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 5 May 27 New UPM (Update Code Maximum) field for more efficient patent SDIs in Cplus
NEWS 6 May 27 Cplus super roles and document types searchable in REGISTRY
NEWS 7 Jun 22 STN Patent Forums to be held July 19-22, 2004
NEWS 8 Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS 9 Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS 10 Jul 12 BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:17:52 ON 14 JUL 2004

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	0.42

FILE 'REGISTRY' ENTERED AT 15:19:02 ON 14 JUL 2004

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 13 JUL 2004 HIGHEST RN 709042-93-3
DICTIONARY FILE UPDATES: 13 JUL 2004 HIGHEST RN 709042-93-3

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s .{0-10}vvpq.{0-10}/sqsfpan sql<25
MISSING OPERATOR

=> s .{0-10}vvpq.{0-10}/sqsf and sql<25
11473 .{0-10}VVPQ.{0-10}/SQSFP
2732561 SQL<25
L1 11473 .{0-10}VVPQ.{0-10}/SQSFP AND SQL<25

=> d sqd,bib 11470-11473

L1 ANSWER 11470 OF 11473 REGISTRY COPYRIGHT 2004 ACS on STN
RN 38150-57-1 REGISTRY
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 20
NTE modified (modifications unspecified)

type	location		description
modification	His-7	-	phenylmethyl<Bzl>
modification	Arg-11	-	nitro<N>

SEQ 1 FIIGELHPDD RSKITKPSES

HITS AT: 1-15

RELATED SEQUENCES AVAILABLE WITH SEQLINK

REFERENCE 1

AN 78:4509 CA
TI Synthesis of the eicosapeptide, corresponding to the 74-93 sequence of the
polypeptide chain of cytochrome b5
AU Kozhukhovskaya, V. M.; Monapova, N. N.; Alarkon, N. L.; L'vova, S. D.;
Evstigneeva, R. P.
CS Mosk. Inst. Tonkoi Khim. Tekhnol. im. Lomonosova, Moscow, USSR
SO Khimiya Prirodnikh Soedinenii (1972), 8(4), 510-14
CODEN: KPSUAR; ISSN: 0023-1150
DT Journal
LA Russian

L1 ANSWER 11471 OF 11473 REGISTRY COPYRIGHT 2004 ACS on STN
RN 35402-93-8 REGISTRY
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 23
NTE modified

type	location		description
------	----------	--	-------------

```
-----
modification      Lys-11          -          undetermined modification
-----
```

SEQ 1 REDLLHGGAH KTNQVLGQAL LAK

=====

HITS AT: 5-23

REFERENCE 1

AN 76:22489 CA

TI Tryptophan synthetase β 2 subunit. Primary structure of the pyridoxyl peptide from the Escherichia coli enzyme

AU Fluri, Rudolph; Jackson, L. E.; Lee, W. E.; Crawford, I. P.

CS Microbiol. Dep., Scripps Clin. Res. Found., La Jolla, CA, USA

SO Journal of Biological Chemistry (1971), 246(21), 6620-4

CODEN: JBCHA3; ISSN: 0021-9258

DT Journal

LA English

L1 ANSWER 11472 OF 11473 REGISTRY COPYRIGHT 2004 ACS on STN

RN 13510-26-4 REGISTRY

FS PROTEIN SEQUENCE; STEREOSEARCH

SQL 9

NTE modified

```
-----
type          ----- location -----          description
-----
terminal mod. Gly-9          -          C-terminal amide
bridge        Cys-1          - Cys-6        disulfide bridge
-----
```

SEQ 1 CLIGNCPLG

=====

HITS AT: 1-9

L1 ANSWER 11473 OF 11473 REGISTRY COPYRIGHT 2004 ACS on STN

RN 12320-74-0 REGISTRY

FS PROTEIN SEQUENCE

SQL 5

NTE metal complex

SEQ 1 VLSEG

=====

HITS AT: 1-5

RELATED SEQUENCES AVAILABLE WITH SEQLINK

=> d his

(FILE 'HOME' ENTERED AT 15:17:52 ON 14 JUL 2004)

FILE 'REGISTRY' ENTERED AT 15:19:02 ON 14 JUL 2004

L1 11473 S .{0-10}VVPQ.{0-10}/SQSFP AND SQL<25

=> s .{0-10}vvpq.{0-10}/sqsp and sql<25

39 .{0-10}VVPQ.{0-10}/SQSP

2732561 SQL<25

L2 39 .{0-10}VVPQ.{0-10}/SQSP AND SQL<25

=> d sqd,bib 39

L2 ANSWER 39 OF 39 REGISTRY COPYRIGHT 2004 ACS on STN

RN 120550-60-9 REGISTRY
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 23
NTE modified

type	location	description
terminal mod.	Gly-23 -	C-terminal amide

SEQ 1 EQEHSQQEEE EEMAVVPQGL FRG
=====

HITS AT: 5-23

REFERENCE 1

AN 110:206208 CA
TI Bioactivity of human pancreastatin and its localization in pancreas
AU Funakoshi, Akihiro; Jimi, Atsuo; Yasunami, Yohichi; Tateishi, Kayoko;
Funakoshi, Susumu; Tamamura, Hirokazu; Yajima, Haruaki
CS Natl. Kyushu Cancer Cent., Fukuoka, 815, Japan
SO Biochemical and Biophysical Research Communications (1989), 159(3), 913-18
CODEN: BBRC9; ISSN: 0006-291X
DT Journal
LA English

=> s cvvpqc/sqep
1 CVVPQC/SQEP
59750 SQL=6
L3 1 CVVPQC/SQEP
(CVVPQC/SQEP AND SQL=6)

=> d sqd,bib

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 376352-74-8 REGISTRY
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 6

SEQ 1 CVVPQC
=====

HITS AT: 1-6

REFERENCE 1

AN 136:11191 CA
TI Composition and method for enhancing elasticity of tissue
IN Mitts, Thomas F.; Sandberg, Lawrence B.; Jimenez, Felipe, Jr.
PA Connective Tissue Imagineering Llc, USA
SO PCT Int. Appl., 53 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001091700	A2	20011206	WO 2001-US17384	20010530
	WO 2001091700	C1	20031120		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,
RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,

VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 US 6506731 B1 20030114 US 2000-584001 20000530
 AU 2001075018 A5 20011211 AU 2001-75018 20010530
 EP 1392346 A2 20040303 EP 2001-941684 20010530
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 NO 2003000454 A 20030129 NO 2003-454 20030129
 PRAI US 2000-580110 20000530
 US 2000-580156 20000530
 US 2000-580893 20000530
 US 2000-584001 20000530
 US 1998-39308 19980313
 WO 1999-US5496 19990312
 WO 2001-US17384 20010530

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Connection closed by remote host